

MEDAWAR, P. B.

The theory of immunological tolerance. Cas. lek. cesk 100 no. 16:73-78  
21 Ap '61.

(IMMUNITY)

MEDEDOVIC, Sulejman

International Labor Organization and the protection of machinery.  
Produktivnost 3 no.10:681-683 0 '61.

1. Sekretarijat za rad, Saveznog izvrsnog veca, Beograd.

"APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001033210015-5

MEDEDOVIG, Sulejman

Work and employment of children and youth in the Federal Republic of Germany. Produktivnost 3 no.11:753-754 N '61.

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001033210015-5"

MEDEDOVIC, Sulejman, referent (Beograd, Nemanjina 36)

International Labor organization and protection of machinery.  
Tehnika Jug 18 no.6:Suppl.:Masinstvo 12 no.6:1090-1092 Je '63.

1. Sekretarijat ŠIV-a za rad, Beograd.

MEDEDOVIC, Sulejman (Beograd, Nemanjina 36/IV)

Employment and protection of young workers in underground  
mining. Tehnika Jug 19 no.5: Suppl: Rudarstvo i metalurg  
15 no.5:875-876 My '64.

1. Technical Assistant, Federal Secretariat of Labor,  
Belgrade.

ANTIC, R.; DORDEVIC, B.; VUJKOVIC, P.; DELOVSKI, D.; KUZMANOVIC, B.;  
LALIC, M.; MEDEDOVIC, Y.; STANKOVIC, R.

Subendocardial infarct; clinical aspects and electrocardiographic  
diagnosis. Acta med. jugosl. 9 no.2-3:213-242 1955.

1. IV Interna klinika Medicinskog fakulteta u Beogradu.  
(MYOCARDIAL INFARCT,  
subendocardial, clin. manifest. & ECG. (Ser))

BOGDANOVIC, M., dr; LJUBISAVLJEVIC-NIKOLIC, R., dr; MEDEDOVIC, V., dr

Pulmonary cysts with special reference to the differential diagnosis.  
Med. glas. 15 no.12/12a:465-468 D '61.

1. Interna klinika B Medicinskog fakulteta u Beogradu (Upravnik: prof.  
dr R. Berovic)

(LUNG DISEASES diag) (CYSTS diag)

~~K~~ CZECHOSLOVAKIA

HAVLICEK, V.; MEDEK, A.; JANOUT, V.; Laboratory of Higher Nervous Activity, Palacky University, Olomouc.

"Evoked Potentials in the Visual Analyzer at Differing Levels of Light Adaptation."

Prague, Activitas Nervosa Superior, Vol 5, No 4, 1963, pp 341 - 345

Abstract: (Authors' English abstract) The amplitudes of cortical responses to light stimuli (epidurally recorded in 18 cataractized cats) are greater in the dark than in light. In the dark responses are closer, showing more pronounced synchronization of neuron masses. 1% of atropine showed no influence. Main changes were in the negative postsynaptic component. Increased evoked responses in the dark were found in the colliculi superiores, responses in the corpus geniculatum laterale changed irregularly. Evoked responses of the acoustic analyzer stimulated by a click were greater in the dark. Findings differ from Chang (1952); these were obtained with electrical stimulation.  
5 Figures, 8 Western, 2 Czech references.

1/1

HAVLICEK, V.; MEDEK, A.; JANOUT, V.

Evoked potentials in the visual analyzer at differing levels  
of light adaptation. Activ. nerv. sup. 5 no.4:341-345 '63.

1. Laboratory of Higher Nervous Activity, Palacky University  
Olomouc, Czechoslovakia.

\*-

MEDEK, Antonin

MEDEK, Antonin, As. Dr

Studies on correlation of the analysors by means of laboratory verbal methods. Neur. & Psychiat. cesk. 17 no.3:156-160 Je '54.

1. Z laboratore pro vyzkum vysshi nervove cinnosti cloveka.  
neurologicka klinika PU v Olomouci. Prednosta prof. Dr Jaromir  
Hrbek.

(CEREBRAL CORTEX, physiology,

\*signal systems, correlation, determ. with conditioned  
verbal reactions)

(REFLEX, CONDITIONED,

\*conditioned verbal reaction in determ. of correlation  
of signal systems)

(SPEECH,

\*conditioned verbal reactions in determ. of correlation  
of signal systems)

MEDKOVÁ, Libuse, MUDr; MEDEK, Bohumír, MUDr.

Therapeutic use of isoniazid in ophthalmology; preliminary report.  
Cesk. oft. 11 no.1:19-22 Feb 55.

1. Z očního odd. OUNZ v Opavě - pred. prim. MUDr Josef Štefek  
Z plíeniho odd. OUNZ v Opavě - predn. prim. MUDr Josef Palyza.

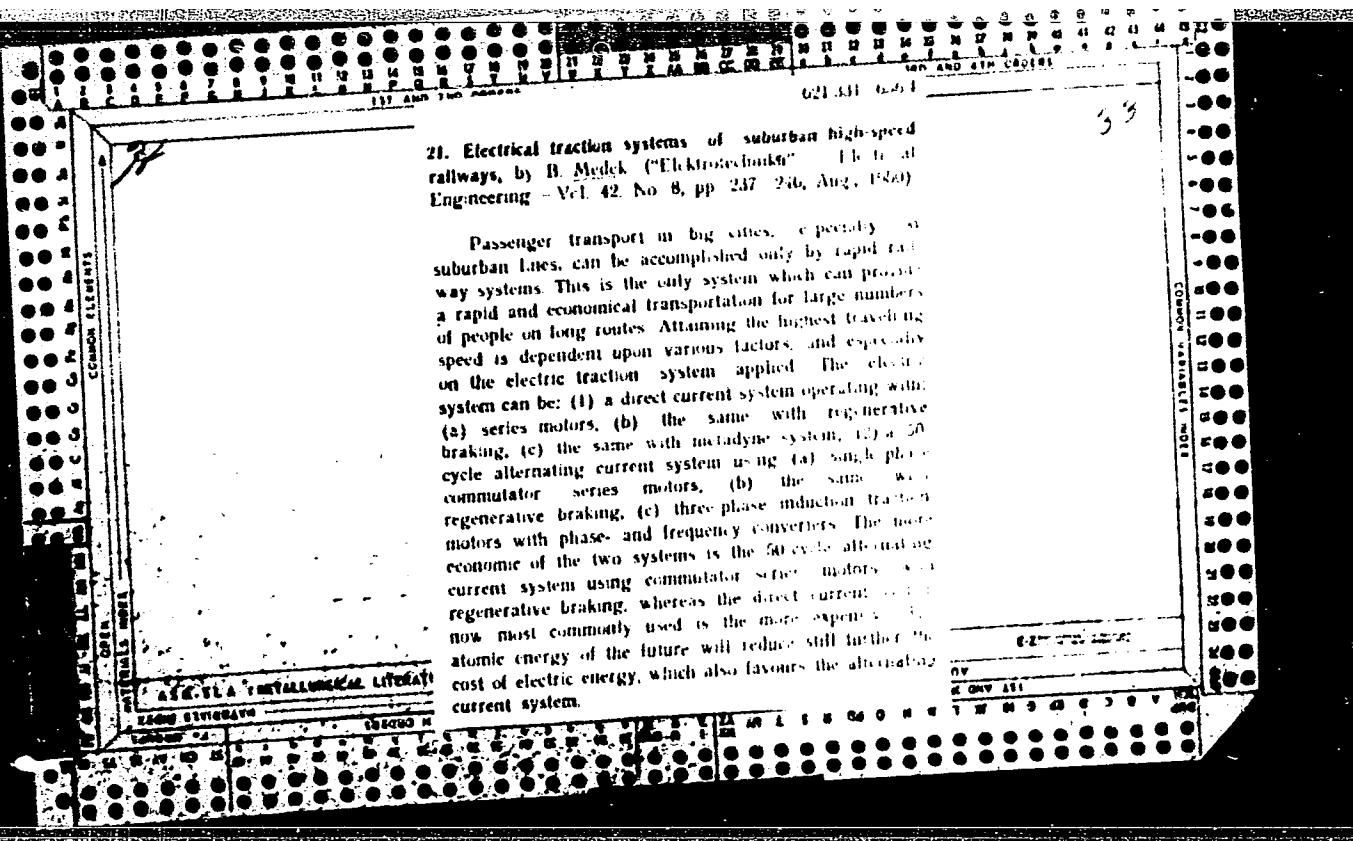
(EYE, diseases

ther. isoniazid)

(NICOTINIC ACID ISOMERS, ther. use  
isoniazid in eye tuberc.)

(TUBERCULOSIS

of eye, ther. isoniazid)



Medek, B.

19. Planned preventive maintenance -- Tervszeru megelozo karbantartas  
--by B. Medek (Industrial Organization -- Tobbtermelés. -- Vol. V, No. 1,  
pp. 7-16, March 1951, 1 tab.)

The maintenance system as applied until now consisted only in repairing the occurring breakdowns. This led to unsystematic and uncontrollable work. The system of planned preventive maintenance is intended to eliminate the shortcomings of the old system. The objective is to establish, on the basis of planned and preliminary investigations, such a system which will eliminate unanticipated defects at their very inception. Planned preventive maintenance is centralized, it is an independent and mobile unit of the plant. The head of this division should be the chief of the plant maintenance department; his personnel should consist of "dispatcher", repairmen, record keeper and foreman. The machine maintenance workshop, the maintenance store room, the lubricating team and the electrical maintenance workers should all constitute a part of the preventive maintenance department. With the correct organization of preventive maintenance a considerable saving may be achieved.

MEDEK, B.

"Organization of the Work of Energy Experts." p. 49, (MAGYAR ENERGIAGAZDASAG, Vol. 7,  
no. 2, Feb. 1954, Budapest, Hungary)

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 5, May 1954/Unclassified

MEDEK, B.

MEDEK, B. - Electric fence. p. 182, Vol 4, no. 6, June 1956  
VILLAMOSSAG. (Magyar Elektrotechnikai Egyesulet)

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April

MEDEK, Bela, okl.villamosmernok

Apparatuses used in electrical automation and their selection.  
Villamossag 9 no.4:93-100 Ap '61.

1. A MEE "Villamos automatika elemeket biralo munkabizottsag"  
vezetoje

MEDEK, Bela, okleveles gepeszmernok

Designing automatic electric machines, as well as the unification of  
drawing and designing symbols to be applied. Elektrotechnika 57 no.  
2/3:79-91 F-Mr '64.

1. Department Head, Electric Automation Institute, Budapest, I.,  
Krisztina korut 55.

CZECHOSLOVAKIA

MEDEK, D.; Affiliation not given.

"Study Trip to East Germany."

Prague, Pracovni Lekarstvi, Vol 15, No 9, 1963, pp 406 - 408

Abstract: The study was concerned with works hygiene, occupational diseases, teaching of the subject and postgraduate training in the subject. Available facilities are on a much more modest scale than those in Czechoslovakia. Not enough is being done in toxicology, or in the hygiene of workmen in agriculture. Infectious diseases on the farms are quite common. Only in the treatment of silicosis a sufficient effort is being made. Teaching of the subject is still being done only on a limited scale.  
No references.

1/1

- 25 -

Medek, JIRI

✓

✓ *Gas adsorption on the surface of solids. Jiri Medek*  
*Palit, Jr., 292-51054*) — The adsorption isotherms and  
isobars were studied in a specially constructed gas burette  
that consists of three parts. The app. was connected to a  
precise manometer and was immersed in a cooling bath maintained  
at liquid-N temp., and the temp. was controlled to  
 $\pm 0.01^\circ$ . Very low pressures around  $10^{-1}$  mm. were used.  
N used in these studies contained approx. 0.002% O.  
Typical isotherms of amorphous materials ( $\text{SiO}_2$  gel,  $\text{ZnO}$ ,  
 $\text{Al}_2\text{O}_3$  gel etc.) were compared with carbonaceous solid fuels  
and the data thus obtained verified with data in the literature.  
With B.E.T. and T.G.I. methods, new surface area  
data were interpreted and new consts. formed. An explanation  
was furnished for discrepancies found in the literature  
among various values.

Jiri Ledeter

M E D E K , J.

✓ 2302. CAPILLARY STRUCTURE OF BROWN COAL. Medek, J. (Prace Inst. Vyk. Vysk. Poliv. (Czernav. Fuel Res. Util. Inst., Prague), 1955, (1-9), 5-39). A theoretical grouping is made of bodies with an internal volume structure and the changes in actual and apparent specific gravities, internal volume and surface, which occur with changes in the relative size of the body, are examined. General relationships are established between apparent, actual and true specific gravity. True specific gravity is a new conception, meaning the specific gravity of the solid phase of a capillary body. An experimental method is described for studying the swelling of solid gels and its relation between increase in volume and increase in weight is defined as swelling power. Hence an equation is derived for calculating the specific gravity of the compressed liquid and the internal and actual volumes. A pyrometric method is given for determining the apparent specific gravity of solid gels; it is particularly suitable for finely divided samples. Mean radii of capillaries in different coals were determined by a tensimetric method and calculated by Andersson's equation. They ranged from 2.05 to  $6.504 \times 10^{-7}$  cm. The activity of the internal surface in relation to liquids was determined by measuring the heat of wetting for different moisture contents and for different methods of changing the moisture content. (L).

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CZECHOSLOVAKIA/Chemical Technology. Chemical Products and  
Their Application. Treatment of Solid Mineral  
Fuels.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44478.

Author : Medek J., Dockalova L.  
Inst : \_\_\_\_\_

Title : Measurement of Specific Surface of Coal.

Orig Pub: Paliva, 1957, 37, No 12, 411-416.

Abstract: Determinations of the adsorption isotherms of N<sub>2</sub>, Ar and water vapor at samples of coal, and calculation therefrom of values of the specific surface ( $m^2/g$ ) of these coal varieties. On adsorption of N<sub>2</sub> at a temperature of -195° there was noted a change in the shape of these isotherms which is correlated with characteristic metamorphosis

Card : 1/2

1

MEDEK, Jiri, promovany chemik

The course of carbon dioxide reaction with coke. Hut listy 18  
no.4:231-236 Ap '63.

1. Hornicky ustav, Ceskoslovenska akademie ved.

L 34726-66 EWT(1)  
ACC NR: AP6025209

SOURCE CODE: CZ/0008/66/000/002/0249/0254

AUTHOR: Medek, Jiri

47

B

ORG: Mining Institute, CSAV, Prague (Hornicky ustav CSAV)

TITLE: Calorimetric determination of heats of wetting

SOURCE: Chemicke listy, no. 2, 1966, 249-254

TOPIC TAGS: calorimetry, floatation, calorimeter, solid fuel

ABSTRACT: The heat of wetting is characteristic for certain kinds of carbon-containing materials; it can be used successfully for the determination of certain properties which are important in processes used in the beneficiation of solid fuels, such as flotation. The author designed a calorimeter sensitive enough to be used for the determination of the heats of wetting, and presents the description of the apparatus. Operating instructions for the instrument are presented. The instrument may be used within the limits of -30°C and +70°C and from 2 atm to high vacuums. Orig. art. has: 4 figures. [JPRS: 35,397]

SUB CODE: 20, 21, 07 / SUBM DATE: 08Jan65 / ORIG REF: 003 / OTH REF: 001

LS  
Card 1/1

0916 0577

MEDEK, Jiri; JELINEK, V., dr. inz.; KREJCIK, Z., inz.

Some principles for determining the apparent specific weight  
of coal. Paliva 43 no.11:352-355 N°63.

1. Hornicky ustav, Ceskoslovenska akademie ved, Praha (for  
Medek). 2. Odborove normalizacni stredisko, Ustav pro vyz-  
kum paliv (for Krejciik).

MEDEK, K.; PISA, V.

"Mechanized Harvesting of Flax", P. 690, (ZA SOCIALISTICKE ZEMEDELSTVI,  
Vol. 4, No. 7/8, July/Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,  
Dec. 1954, Uncl.

MEDEK, K.; PISA, V.

Our experience with the SLOZ prototype. p.274

(Ministerstvo zemedelstvi) Praha. / Publication on mechanization of agriculture  
issued by the Ministry of Agriculture.

Vol. 5, No. 14, July 1955

SOURCE: East European Accessions List (EEAL) Library of Congress  
Vol. 5, No. 1, January, 1956

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and  
Their Application. Treatment of Solid Mineral  
Fuels.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44478.

Author : Medek J., Dockalova L.

Inst :           

Title : Measurement of Specific Surface of Coal.

Orig Pub: Paliva, 1957, 37, No 12, 411-416.

Abstract: Determinations of the adsorption isotherms of N<sub>2</sub>, Ar and water vapor at samples of coal, and calculation therefrom of values of the specific surface ( $m^2/g$ ) of these coal varieties. On adsorption of N<sub>2</sub> at a temperature of -195° there was noted a change in the shape of these isotherms which is correlated with characteristic metamorphosis

Card : 1/2

1

CZECHOSLOVAKIA/Chemical Technology. Chemical Products and  
Their Application. Treatment of Solid Mineral  
Fuels.

H

Abs Jour: Ref Zhur-Khim., No 13, 1958, 44478.

Abstract:

of adsorbed layer which is caused by the phenomenon  
of capillary condensation. Bibliography 22 refer-  
ences.

Card : 2/2

MEDEK, K.

"Research on a complete sugar-beet harvester."

p. 139 (VEDECKE PRACE. Vol. 1, 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 7, 1958

MEDEK, K.

Machinery research and the technology of sugar-beet harvesting. p. 397.  
(MECHANISACE ZEMEDELSTVI, Vol. 7, No. 17, Sept 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

MEDFK, K.

Analysis of the functional elements of a machine for cutting sugar-beet tops.

p. 245. (Ceskoslovenska akademie zemedelskych ved. Sbornik. Rada Mechanisace A Elektrifikace Zemedelstvi. Vol. 30, no. 4, Aug. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) I.C. Vol. 7, No. 2,  
February 1958

Medek, K.

AGRICULTURE

Problems of a complex mechanization of sugar-beet harvesting. p. 159.

Vol. 3, no. 7, July 1958

Monthly Index of East European Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

MEDEK, K.

AGRICULTURE

PERIODICAL SBORNIK, RADA MECHANISACE A ELEKTRIFIKACE ZEMEDELSTVI.  
VOL. 31, no. 3/4, Aug. 1958

Medek, K. Development and trends in mechanization of sugar-beet  
harvesting. p. 187.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,  
May 1959, Unclass.

MEDEK, K.

AGRICULTURE

PERIODICAL SBORNIK, RADA MECHEZENISACE A ELEKTRIFIK CE ZPREDELSTVE  
VOL. 31, no. 3/4, Aug 1952

Medek, K. Development and trends in mechanization of sugar-beet harvesting,  
v. 1<sup>97</sup>.

Excerpts of the scientific research reports of the Research Institute of  
Mechanization and Electrification of Agriculture in the Czechoslovak  
Academy of Agricultural Sciences. v. 201.

Monthly List of East European Accessions (EEAI), LC, Vol. 4, no. 5,  
May 1959, Unclass.

MELEK, K.

AGRICULTURE

PERIODICAL: VESTNIK, VOL. 6, no 2, 1959

Medek, K. Present state and future outlook in the mechanization of cultivating  
and harvesting of sugar beets. p. 95.

Monthly List Of East European Accessions (EEAI), LC, Vol. 8, no. 5,  
May 1959, Unclass.

MODEK, K., inz.

Prospects of complex mechanization of sugar beet production.  
Zemedel tech 9 no.3:207-214 Je '63.

1. Vyzkumny ustav zemedelske techniky, Repy u Frany.

MEDEK, Karel, inz.

Experiments with mechanical thinning of sugar beets. Zemelal  
tech 10 no. 5:311-330 My '64.

1. Research Institute of Agricultural Technology. Rely near  
Prague; Director: M.Preininger, inz.

MEDEK, Karel, inz.

Complex mechanized method of large-scale harvesting, transport-  
ation, acceptance test and storage of sugar beets. Vest ust  
zemodel ll no. 7:284-292 Jl '64.

1. Research Institute of Agricultural Engineering, Rupy near  
Prague.

MEDEK, Karel; SCHMIDT, Lubos; KEC, Vladimir

Mechanized sugar beet harvesting and its relation to the sugar production. Listy cukrovar 80 no. 6:137-146 Je '64.

MEDEK, Karel, inz. [deceased November 17, 1964] >

Investigation of possibilities of reducing the direct dependence  
of transportation on the sugar beet harvest. Zemedel tech II  
no.2:81-100 F '65.

1. Research Institute of Agricultural Technology, Rupy near  
Prague. Submitted August 3, 1964.

LIPPERT, Z. [Lippert, Z.], inzh. (Praga); MEDEK, R. (Praga)

Conic cogwheels with screw teeth, and milling heads made with the aid  
of universal metal-cutting tools. Mashinostroenie 11 no.4:17-22 Ap '62.

MEDEK, THEODOR

SURNAME, Given Names

Country: Czechoslovakia

(3)

Academic Degrees:

Affiliation: Kraj Veterinary Unit - Research Station (Krajske veterinarni zarizeni vysetrovaci stanice) Brno

Source: Prague, Sbornik CSAZV, Veterinarni Medicina, Vol 6(34), No 8, Aug 61; pp 619-626

Data: "Conserved Hydrolyzed Fish Meal as High-Quality Feed Supplement"

BEPANEK, Jaromir; veterinarian, inzenir

SYOBODOVA, Rut

MEDEK, Theodor; DVM, PhD

SPG 961643

MEDEK, T.

CZECHOSLOVAKIA

MEDEK, T., DVM., Radiologists

Brno

Prague, Veterinarstvi, No 3, 1963, pp 115-117

"Tocopherol Hypovitaminosis."

MEDEK, Vladimir, MUDr.

Relation between the content of trichloroethanol and trichloroacetic acid in the urine and the trichloroethylene content of the atmosphere, as determined by field work. Pracovni lek. 10 no.2:135-138 May 58.

1. Krajsky ustav narodniho zdravi, oddeleni pro prevenci, posuzovani a leceni chorob z povolani, Hradec Kralove, Prednosta MUDr J. Jindrichova.

(ALCOHOL, ETHYL, related compounds

2,2,2-trichloroethanol content of urine in relation to a atmospheric content of trichloroethylene (Cz))

(TRICHLORACETIC ACID, in urine

determ. & relation to atmospheric content of trichloroethylene (Cz))

(TRICHLOROETHYLENE, determination

in atmosphere, relation of content to urinary trichloroacetic acid & 2,2,2-trichloroethanol levels in workers (Cz))

*MEDEK, V. Jelmin*  
MEDEK, V., MUDr.

On the problem of preventive periods of examination of workers in  
hazardous work areas. Cesk. zdrav. 10 no.12:621-622 '62.

1. Krajsky ustav narodniho zdravi v Hradci Kralove, oddeleni chorob  
z povolani.  
(INDUSTRIAL MEDICINE) (PHYSICAL EXAMINATION)

MEDEK, Vladimir

Industrial hygiene and safety in foundries. Slevarenstvi 11 no.3:  
116-118 Mr '63.

1. SU - Projekta, Brno.

MEDEK, V.

"Convex Surface Contours." p. 38, (MATHEMATICO-FYZIKALNY CASOPIS, Vol. 4, No. 1,  
1954, Bratislava, Czechoslovakia)

SO: Monthly List of East European Accessions, (SNAZ), EC, Vol. 4  
No. 5, May 1955, Uncl.

MEDEK, VACLAV

Medek, Václav. Linear systems of projective transformations on a straight line. Mat.-Fyz. Časopis Slovensk. Akad. Vied 5 (1956), 27-30. (Slovakian-Russian summary)

The projectivities on the real projective straight line  $P_1$  in homogeneous coordinates  $x_1, x_2$  can be represented by  $2 \times 2$ -matrices  $A = (a_{ij})$ ,  $i, j = 1, 2$ , of rank  $\leq 2$ . They are thus in one-one correspondence with the points of real projective space  $P_3$  if the four real numbers  $a_{ij}$  are taken as homogeneous coordinates in  $P_3$ . The points of the

"APPROVED FOR RELEASE: 07/12/2001

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MEDEK, VACIAV.

Invariant plane. A projective coordinate substitution.

3

APPROVED FOR RELEASE: 07/12/2001

CIA-RDP86-00513R001033210015-5"

5200:

1-FW  
2

Medek, Václav. Einige lineare Systeme von singulären  
Kollineationen. Mat.-Fyz. Casopis. Slovensk. Akad. Vied  
7 (1957), 83-93. (Slovak. Russian and German sum-  
maries)

Soient  $x_{ij}$  les coordonées homogène (dans  $S_8$ ) de  
l'homographie  $\rho Y^i = \sum_{j=0}^7 x_{ij} Y^j$  d'un plan projectif. La  
variété  $VCS_8$  qui représente les homographies avec  
rang  $\|x_{ij}\| = 1$  se compose de deux systèmes à deux para-

5454:

Medek, Václav. Zyklographische Abbildung in der Ebene. Mat.-Fyz. Casopis. Slovensk. Akad. Vied 8 (1958), 73-80. (Slovak, Russian and German summaries)

The points  $A$  of a projective plane are mapped onto point pairs  ${}^1A$ ,  ${}^2A$  of a line  $p$  by projection from two centres  ${}^1O$ ,  ${}^2O$ . The author studies the projectivity  ${}^1A \rightarrow {}^2A$  produced when  $A$  describes either a line or a conic through  ${}^1O$ ,  ${}^2O$ , and classifies the pencils of such projectivities corresponding to pencils of lines or conics.

F. A. Behrend (Melbourne)

MEDEK, Vaclav (Bratislava)

"Geometry of complex numbers" by H. Schwerdtfeger. Reviewed  
by Vaclav Medek. Cas pro pest mat 88 no.3:376-377 Ag '63.

L 38333-56 EWT(d) IJP(c)

ACC NR: AP6027995

SOURCE CODE: CZ/0045/66/000/001/0041/0044

AUTHOR: Medek, Vaclav (Bratislava)

31

B

ORG: Department of Mathematics and Descriptive Geometry, Civil Engineering Faculty,  
Slovak Institute of Technology, Bratislava (Katedra matematiky a deskriptivnej  
geometrie, Stavebna Fakulta, Slovenska vysoka skola technicka)TITLE: Interpretation of the finite affine plane over the field of the residue  
classes modulo p

SOURCE: Matematicko-fyzikalny casopis, no. 1, 1966, 41-44

TOPIC TAGS: field theory, <sup>c</sup>geometric model, plane geometryABSTRACT: The model of the finite affine plane is a set of points on a cylindrical  
surface of revolution; the lines are subsets on the geodesics of that surface.  
[Based on author's Eng. abst.] [JPRS: 36845]

SUB CODE: 12 / SUBM DATE: 19Jan65

ns  
Card 1/1

MEDEK, Vatslav [Medek, Vaclav]

Distribution of projectivities on a straight line. Mat fyz  
cas SAV 11 no.2:99-112 '61.

1. Katedra deskriptivnej geometrie, Slovenska vysoka skola  
technicka, Bratislava, Gottwaldovo namesti 2.

MEDEK, Vatslav [Medek, Vaclav]

On dissociation of nets of projective transformations. Mat fyz cas  
SAV 11 no.4:229-238 '61.

1. Katedra deskriptivnej geomtrie, Slovenska vysoka skola technika,  
Bratislava, Gottwaldovo namesti 2.

MEDEK, Vladimir, MUDr.

Cäse of occupational injury of the navicular bone. Pracovni lek.  
9 no.3:223-224 June 57.

1. KUNZ, odd. chorob z povolani, Hradec Kralove, prednosta MUDr  
J. Jindrichova.

(WRIST, wounds and injuries,  
navicular bone lesions in indust. worker (Os))

MEDEK, Vladimir; RADL, Jiri

Blood protein changes in asbestosis. Prac. lek. 16 no.8:349-352  
O '64.

1. Oddelení nemoci z povolání Krajského ústavu národního zdraví  
Východočeského kraje v Hradci Králové (vedoucí MUDr. J. Jindřiš-  
chova, CSc.) a Ústřední laboratoře nemocnice v Novém Bydžově  
(vedoucí MUDr. J. Radl).

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application. Safety and Sanitation. H-6

Abs Jour : Ref Zbirka Khimiya, No 5, 1959, No. 15889

Author : Modek, V.  
Inst : Not given  
Title : The Relationship of Trichloroethanol and Trichloroacetic Acid Contents in Urine and Trichloroethylene Content in the Air Existing Under Conditions of Commercial Manufacture  
Orig Pub : Pracovni lekar., 1958, 10, No 2, 135-137. Discuss., 137-138

Abstract : Based on the air analyses of 12 installations where trichloroethylene (I) was employed, and on the analyses of urine obtained from workmen employed at these enterprises, it was established that the trichloroethanol content of 285.7 mg/l and the trichloroacetic acid content of 154.9 mg/l in

Card 1/2

H-16

MEDEK, V.

"Gray cast-iron tools with cast-in plates made of sintered carbide."  
p. 471.

TECHNICKA PRACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied). Bratislava, Czechoslovakia, Vol. 11, No. 6, June 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,  
August 1959.  
Uncla.

MEDEK, V.

Chemical engineering in metallurgy. p. 354

TECHNICKA PRAGA. (Rada vedeckych technickych spolecnosti pri Slovenskej akademii vied) Bratislava, Czechoslovakia, Vol. 11, no. 10, Oct. 1959

Monthly List of East European Acquisitions (EEAI), IO Vol. 2, no. 2,  
Feb. 1960

Uncl.

S/282/63/000/002/005/005  
A059/A126

AUTHORS: Ziegler, Ladislav, Medek, Vlastimír, Jelinek, Tomáš

TITLE: Agitator for epoxy resin compounds

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 47. Khimicheskoye i khologenicheskoye mashinostroyeniye, no. 2, 1963, 63, abstract 2.47.379 P  
(Czech. pat. 39 a, 19/07, no. 100806, September 15, 1961)

TEXT: An agitator is described consisting of two drums which are disposed one over the other: a vertical and a horizontal one equipped with thermostats to maintain the given temperatures. After the epoxy resin has been agitated with the filler in the stationary drum with rotating shovels, the mixture obtained is fed to the horizontal rotating drum with bevel bottoms. After a hardener has been added to the mixture, the horizontal drum is hermetically sealed and air is evacuated from its internal cavity through the channels of the driving shaft. After the required evacuation has been reached, the valve in the vacuum line is closed and the horizontal drum rotated. The components are mixed with the aid of a stationary perforated mixer and a scraper kept in the

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S/282/63/000/002/005/005

A059/A126

Agitator for epoxy resin compounds.

vertical position in the drum with a counterweight. The technique indicated permits to obtain a homogeneous mixture without any bubbles within a short time. There are 2 figures.

K. Onosovskiy

[Abstracter's note: Complete translation]

Card 2/2

Z/047/62/000/008/001/J01  
D008/D102

AUTHOR: Medek, V., Engineer

TITLE: Direct processing of molten metal to sheet and structurals

PERIODICAL: Technická práca, no. 8, 1962, 612-614

TEXT: The TsKTB (Tsentral'noye konstruktersko-tehnologicheskoye byuro [Central Designing and Technological Office]) in Odessa, headed by E.O. Nikolayenko, has developed a method of and equipment for direct processing of molten metal to sheet. The process is applicable to ordinary and malleable iron, highly alloyed steels, brass, and various other non-ferrous alloys. The equipment consists of a bottom-tapped ladle with an electrically heated outlet pipe through which molten metal flows into a heated funnel and further into a shower tube. This, in turn, feeds the metal uniformly between two hollow, water-cooled rolls of a PChL rolling mill. The new method is highly effective and can be easily automated. The production cost of one ton of cast sheet is 22.6-50% lower than that of rolled sheet. Molten metal for cast iron sheet is obtained in conventional cupolas, and metal for steel sheet in electric-arc furnaces. Chemical composi-

Card 1/2

Z/047/62/000/008/001/001  
D008/D102

Direct processing of molten metal ...

tion of iron normally used in this process is: 2.9-3.4% C, 1.4-1.7% Si (optimum combined contents of C and Si 4.6-5.5%), 0.4-0.7% Mn, maximum 0.12% P, 0.10% S, and 0.15-0.25% Cu. Steel types 14 Kh 13, 3 Kh 21S, Kh 12, Kh 12 N, and G 13 have so far been tested and found suitable for production of sheet steel by the process. Currently, technology and equipment for production of 1500-mm wide iron and steel strip are being developed. It is expected to cost only 1/10 of conventionally produced sheet. It is hoped that the quality of products obtained by this process can be improved to such a degree as will allow their wide use instead of rolled products. There are 6 figures.

ASSOCIATION: Dom techniky (House of Engineering), Bratislava.

Card 2/2

MEDEK, Vlastimir

New technology in foundries from the point of view of hygiene  
and labor productivity. Slevarenstvi 10 no.3:101-103 Mr '62.

1. Dom techniky, Bratislava.

MEDEK, Vlastimil, inz.

New techniques and industriel hygiene in foundries. Tech praca 14 no.2:  
104-110 F '62.

1. Dom techniky, Bratislava.

MEDEK, Vlastimir, inz.

The 1st National Conference on Industrial Hygiene and Safety in  
Foundries. Tech praca 14 no.2:133 F '62.

MEDEK, V., inzh.

Direct working of molten metals into sheets and profiles. Tech  
praca 14 no.8:612-614 Ag '62.

1. Dom techniky, Bratislava.

MEDEK, Vlastimir

Technical and economic viewpoints on specialization of foundries.  
Slevarenstvi 12 no.8:311-316 Ag '64

1. State Institute Projekta, Brno.

CZECHOSLOVAKIA

MEDEK, V., MD.

Ward of Occupational Diseases KUNZ (Oddeleni nemoci z  
povolani KUNZ), Hradec Králové

Praha, Prakticky lekar, No 17, 1963, 671-673

"The Investigation of Biological Material as a Part of  
Preventive Examination."

MEDEK, Zdenek

CZECHOSLOVAKIA

Author: MEDEK, Zdenek, Eng.

Title: "Checking the Condition of Dry Cells by Measuring Their Internal Resistance."

Source: Prague, "Technické technika," Vol IX, No 8, 1961,  
pp 295-299.

Abstract: The ampere-hour capacity of a dry cell depends on its physical construction, current drain, current cutoff, voltage, etc. The relation between internal resistance and storage time is almost a linear function; therefore it is possible to estimate the predicted ampere-hour capacity. A good answer was found by measuring the short-circuit current, when of course the particular dry cell is ruined. Another way of measuring the internal resistance is based on oscillographic measurement of voltage on a dry cell loaded with an impulse of width  $10^{-3}$  to  $10^{-4}$  second. The size of internal resistance is fixed by a comparison with a known resistor.

1/1

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MEDEK, Zdenek, inz.

Cooperation of the secondary food industry schools in socialist countries. Prum potravin 14 no. 9: 470-471 S '63.

1. Stredni prumyslova skola konzervarenska, Bzenec.

MEDEKOVA, Tatiana

On the total of two linear subspaces. Mat fys cas SAV 11  
no.1:57-62 '61.

1. Katedra matematiky, Slovenska vysoka skola technicka, Bratislava, Gottwaldova namesti 2.

BENESHEVICH, I.I., kandidat tekhnicheskikh nauk; BOGIN, N.M., kandidat tekhnicheskikh nauk; BYKOV, Ye.I., inzhener; VLASOV, I.I., kandidat tekhnicheskikh nauk; GRITSZEVSKIY, M.Ye., inzhener; GRUBER, L.O., inzhener; GURVICH, V.G., inzhener; DAVYDOV, V.N., inzhener; YESHCHOV, I.M., kandidat tekhnicheskikh nauk; ZASORIN, S.N., kandidat tekhnicheskikh nauk; IVANOV, I.I., kandidat tekhnicheskikh nauk; KRAUKLIS, A.A., inzhener; KROTOV, L.B., inzhener; LAPIN, V.B., inzhener; LASTOVSKIY, V.P., dotsent; LATUNIN, N.I., inzhener; MARKVARDT, K.G., professor, doktor tekhnicheskikh nauk; MAKHAYLOV, M.I., professor, doktor tekhnicheskikh nauk; NIKANOROV, V.A., inzhener; OSKOLKOV, K.W., inzhener; OKHOSHIN, L.I., inzhener; PARFENOV, K.A., dotsent, kandidat tekhnicheskikh nauk; PERTSOVSKIY, L.M., inzhener; POPOV, I.P., inzhener; PORSHNEV, B.G., inzhener; RATNER, M.P., inzhener; ROSSIYEVSKIY, G.I., dotsent, kandidat tekhnicheskikh nauk; RYKOV, I.I., kandidat tekhnicheskikh nauk; RYSHKOVSKIY, I.Ya., dotsent, kandidat tekhnicheskikh nauk; RYABKOV, A.Ya., professor [deceased]; TAGER, S.A., kandidat tekhnicheskikh nauk; KHAZEN, M.M., professor, doktor tekhnicheskikh nauk; CHERNYSHEV, M.A., doktor tekhnicheskikh nauk; KBIN, L.Ya., professor, doktor tekhnicheskikh nauk; YURELEV, B.N., dotsent; AKSENOV, I.Ya., dotsent, kandidat tekhnicheskikh nauk; ARKHANGEL'SKIY, A.S., inzhener; BARTENEV, P.V., professor, doktor tekhnicheskikh nauk; BERNARD, K.A., kandidat tekhnicheskikh nauk; BOROVYY, N.Ye., dotsent, kandidat tekhnicheskikh nauk; BOGDANOV, I.A., inzhener; BOGDANOV, N.K., kandidat tekhnicheskikh nauk; VINNICHENKO, N.G., dotsent, kandidat ekonomicheskikh nauk;

(Continued on next card)

GENESHEVICH, I.I.----(continued) Card 2.  
VASIL'YEV, V.P.; GONCHAROV, N.G., inzhener; DKRIBAS, A.T., inzhener;  
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B.A., kandidat tekhnicheskikh nauk; YEFIMOV, G.P., kandidat tekhnicheskikh  
nauk; ZEMBLINOV, S.V., professor, doktor tekhnicheskikh  
nauk; ZABELLO, M.L., kandidat tekhnicheskikh nauk; IL'IN, K.P.,  
kandidat tekhnicheskikh nauk; KARETNIKOV, A.D., kandidat tekhnicheskikh  
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nauk; KUGHURIN, S.F., inzhener; LEVASHOV, A.D., inzhener;  
MAKSIMOVICH, B.M., dotaent, kandidat tekhnicheskikh nauk; MARTYNOV,  
M.S., inzhener; MEDVEL', O.M., inzhener; NIKITIN, V.D., professor,  
kandidat tekhnicheskikh nauk; PADNYA, V.A., inzhener; PANTELEYEV, P.I.,  
kandidat tekhnicheskikh nauk; PETROV, A.P., professor, doktor tekhnicheskikh  
nauk; POVOROZHENKO, V.V., professor, doktor tekhnicheskikh  
nauk; PISKAREV, I.I., dotaent, kandidat tekhnicheskikh nauk; SERGEYEV,  
Ye.S., kandidat tekhnicheskikh nauk; SIMONOV, K.S., kandidat tekhnicheskikh  
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TAIDAYEV, F.Ya., inzhener; TIKHOMOV, K.K., kandidat tekhnicheskikh  
nauk; USHAKOV, N.Ya., inzhener; USPENSKIY, V.K., inzhener; FEL'DMAN,  
E.D., kandidat tekhnicheskikh nauk; FERAPONTOV, G.V., inzhener;  
KHOKHLOV, L.P., inzhener; CHERNOMORDIK, G.I., professor, doktor  
tekhnicheskikh nauk; SHAMAYEV, M.Y., inzhener; SHAFIRKIN, B.I.,  
inzhener; YAKUSHIN, S.I., inzhener; GRANOVSKIY, F.G., redaktor;  
TISHCHENKO, A.I., redaktor; ISAYEV, I.P., dotaent, kandidat tekhnicheskikh  
nauk, redaktor; KLIMOV, V.P., dotaent kandidat tekhnicheskikh

(Continued on next card)

BENESHEVICH, I.I.-- (continued) Card ).

nauk, redaktor: MARKOV, M.V., inzhener, redaktor; KALININ, V.K.,  
inzhener, redaktor; STEPANOV, V.N., professor, redaktor; SIDOROV, N.I.,  
inzhener, redaktor; GERONIMUS, B.Ye., kandidat tekhnicheskikh nauk,  
redaktor; ROBELL, R.I., otvetstvennyy redaktor

[Technical reference manual for railroad engineers] Tekhnicheskii  
spravochnik zheleznodorozhnikov. Moskva, Gos. transp. zhel-dor. izd-vo.  
Vol.10. [Electric power supply for railroads] Energosnabzhenie zhelez-  
nykh dorog. Otv. red. toma K.G. Markvardt. 1956. 1080 p. Vol.13.  
[Operation of railroads] Eksploatatsiya zheleznykh dorog. Otv. red.  
toma R.I.Robel'. 1956. 739 p.  
(MLRA 10:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Petrov)  
(Electric railroads) (Railroads--Management)

MEDEL', V. B.

Dynamics of electric locomotives; manual Moskva, Transzhelizdat, 1937.  
414 p. (54-48357)

TF975.M39

MEDEL', V.

10G44

URSS/Electrification of RR 4602.0505 Oct 1947  
Locomotives 4602.0402  
Trackage 4602.0204

"Several Problems in the Furthest Electrification of Railroads," Prof V. Medel', Dr of Technical Sciences, 6½ pp

"Zh-d Transport" No 10

Data on electric locomotives VL-19 and VL-22 under various conditions of operation. Five-Year Plan provides for electrification of 5,525 km of railroad, the addition of 555 trunk line electric locomotives, and the construction of an electric locomotive repair factory.

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MEDEL', V. B.

Podvishnoi sostav elektricheskikh zheleznykh dorgo. [Rolling stock of electric railroads]  
Moskva, Transzhelizda, 1950, v. 1 (568 p.)

DLC: TF 975.M4

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,  
Reference Department, Washington, 1952, Unclassified.

MEDEL', V. B.

Author of the book "Electric Railroad Rolling Stock" (textbook, 3 vols) and translator into English of the book "Electrical Engineering of Railways" by G. A. Kostylev.

Medel' V. B.  
Shlikhto, P. N.  
Zakharchenko, D. D.  
Tikhmenev, B. N.  
Trakhtman, L. M.  
Zorokhovich, A. Ye.  
Krylov, S. K.

"Electric Railroad Rolling Stock"(textbook,  
3 vols)

Moscow Electromechanical  
Institute of Railroad  
Engineers imeni  
F. E. Dzerzhinskiy

MEDEL', V.B.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr. 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Medel', V. B.	"Rolling Stock of Electric Railroads" (textbook, 3 vol)	Moscow Electromechanical Institute of Railroad Engineers imeni F. E. Dzerzhinsky

SO: W-30604, 7 July 1954

~~MEDEL'~~, V.B., doktor tekhnicheskikh nauk; KALININ, V.K., inzhener, redaktor;  
~~KHITROV~~, P.A., tekhnicheskiy redaktor.

[Study of the traction characteristics of series VL22<sup>✉</sup> electric locomotives] Issledovanie tiagovykh svoistv elektrovozov. Serii VL22<sup>✉</sup>.  
Moskva, Gos. transportnoe zheleznyodorozh. izd-vo, 1954. 89 p. [Microfilm]  
(Electric locomotives) (MLRA 7:11)

MEDELI, V.P., professor, doktor tekhnicheskikh nauk; KALININ, V.K.,  
inzhener, redaktor; KHITROV, P.A., tekhnicheskiy redaktor.

[Investigation of the movement of railroad cars in curves] Is-  
sledovanie dvizheniya zheleznodorozhnykh ekipazhei v krivykh.  
Moskva, Gos.transp.zhel-dor.izd-vo, 1955. 205 o. (Tomsk, Elektro-  
mekhanicheskii institut inzhenerov zheleznodorozhnogo transporta.  
Trudy, no.20).  
(Railroads--Curves and turnouts)

(MLRA 10:3)

SOV/124-58-1-179

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 1, p 19 (USSR)

AUTHOR: Medel', V. B.

TITLE: Investigation of the Motion of Railroad Rolling Stock in Curves  
(Issledovaniye dvizheniya zheleznodorozhnykh ekipazhey v krivykh)

PERIODICAL: Tr. Tomskogo elektromekhan. in-ta inzh. zh.-d. transp. 1955,  
Nr 20, 207 pp, fig.

ABSTRACT: Bibliographic entry

Card 1/1

~~MEDEL'~~, Vladimir Borisovich; PRUDYUS, A.S., inzhener, redaktor; SIDOROV, N.I.,  
Inzhener, redaktor; BOBROVA, Ye.N., tekhnicheskiy redaktor

[Interrelation of electric locomotive and track] Vzaimodeistvie  
elektrovoza i puti. Moskva, Gos. transp.zhel.dor. izd-vo, 1956.  
334 p. (MLRA 10:2)  
(Electric locomotives) (Railroads--Track)

MODEL', V.B., professor.

The ES electric locomotive trucks do not meet present requirements.  
Zhel.dor.transp. 38 no.10:82 O '56.  
(Electric locomotives) (MLRA 9:11)

~~MEDEL'~~ V.B., professor, doktor tekhnicheskikh nauk; TOMFEL'D, L.P.; AKSENOV, A.I.

A much needed book on electric locomotives ("The electric locomotive." V.A. Rakov, P.K. Ponomarenko. Reviewed by V.B. Medel', L.P. Tomfel'd, A.I. Aksenov). Zhel. dor. transp. 38 no.11:90-93 N '56. (MLRA 9:12)

1. Zaveduyushchiy kafedroy "Elektricheskaya tyaga" Moskovskogo instituta inzhenerov transporta (for Medel')
  2. Nachal'nik elektrodepo Pererva Moskovsko-Kursko-Donbasskoy dorogi (for Tomfel'd)
  3. Mashinist-instruktor elektrodepo Pererva Moskovsko-Kursko-Donbasskoy dorogi (for Aksenov).
- (Electric locomotives) (Rakov, V.A.) (Ponomarenko, P.K.)

MEDEL', VLADIMIR BORISOVICH

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1957

Podvizhnay Sostav Elektricheskikh Zheleznykh Dorog (Rolling Stock of Electric Railroads) IZD. 2., Perer. Moskva, Tranzheldorizdat, 1957-

V. Illus., Diagrs., Tables.

Includes Bibliographies

Lib. Has: 1957, V. 1(2D Ed.)

MEDEL', V. B.

ZAKHARCHENKO, D.D., dotsent, kandidat tekhnicheskikh nauk; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk; KALININ, V.K., inzhener; KREST'YANOV, M.Ye., dotsent, kandidat tekhnicheskikh nauk; LAKSHTOVSKIY, I.A., dotsent, kandidat tekhnicheskikh nauk; MARKVARDT, K.G., professor, doktor tekhnicheskikh nauk; MEDEL', V.B., professor, doktor tekhnicheskikh nauk; MIRONOV, K.A., inzhener; MIKHAYLOV, N.M., dotsent, kandidat tekhnicheskikh nauk; MAKHODKIN, M.D., dotsent, kandidat tekhnicheskikh nauk; OZEMBLOVSKIY, Ch.S., inzhener; OSIPOV, S.I., inzhener; ROMASHKOV, S.G., inzhener; SOKOLOV, L.S., inzhener; FAMIESKIY, G.V., kandidat tekhnicheskikh nauk; SHATSILLO, A.A., inzhener; SHLYAKHTO, P.N., dotsent, kandidat tekhnicheskikh nauk; BOVE, Ye.G., kandidat tekhnicheskikh nauk, retsenzent; PERTSOVSKIY, L.M., inzhener, retsenzent; ALEXSEYEV, A.Ye., professor, doktor tekhnicheskikh nauk, retsenzent; BATALOV, N.M., inzhener, retsenzent; VINBERG, B.N., inzhener, retsenzent; GRACHEVA, L.O., kandidat tekhnicheskikh nauk, retsenzent; YEVDOKIMOV, A.M., inzhener, retsenzent; KALININ, S.S., inzhener, retsenzent; TRAKHTMAN, L.M., kandidat tekhnicheskikh nauk, retsenzent; PYLENKOV, A.P., inzhener, retsenzent; GOKHSHTEIN, B.Ya., kandidat tekhnicheskikh nauk, retsenzent; IL'IN, I.P., inzhener, retsenzent; MAKHODKIN, M.D., dotsent, kandidat tekhnicheskikh nauk, retsenzent; TISHCHENKO, A.I., otvetstvennyy redaktor; BENESEVICH, I.I., kandidat tekhnicheskikh nauk, redaktor; ZOROKHOVICH, A.Ye., dotsent kandidat tekhnicheskikh nauk, redaktor; LUTSENKO, Ye.G., inzhener, redaktor; BOGOZHIN, A.P., inzhener, redaktor; SIDOROV, N.I., inzhener, redaktor; VERINA, G.P., tekhnicheskiy redaktor

(Continued on next card)

ZAKHARCHENKO, D.D.---(continued) Card 2.

[Technical manual for railroad workers] Tekhnicheskii  
spravochnik zheleznych dorog. Red. kollegiia R.G. Granovskii  
i dr. Moskva, Gos. transp. zhel-dor. izd-vo. Vol. 9. [Electric  
railroad rolling stock] Elektropodvizhnoi sostav zheleznykh  
dorog. Otv. red. toma A.I. Tishchenko. 1957. 652 p. (MLRA 10:4)

1. Chlen-korrespondent Akademii nauk SSSR. (for Alekseyev)  
(Electric railroads--Rolling stock)

MEDEL', Vladimir Borisovich, professor, doktor tekhnicheskikh nauk;  
Semenov, N.I., inzhener, redaktor; ROMANOV, I.M., inzhener,  
redaktor; VERINA, G.P., tekhnicheskiy redaktor

[Rolling stock of electric railroads] Podvishnoi sostav elektricheskikh zheleznykh dorog. Izd.2-oe, perer. Moskva, Gos.transp.zhel-dor. izd-vo. Vol.1. [Construction and dynamics] Konstruktsiya i dinamika. 1957. 343 p.  
(MLRA 10:9)  
(Electric railroads--Rolling stock)

MEDREL', V.B., prof., dekтор tekhn. nauk

Selection of optimum parameters for the mechanical parts of  
electric locomotives. Trudy MIIT no.103:5-38 '58.

(MIRA 11:12)

(Electric locomotives)

*MEDEL', V.B.*

MEDEL', V.B., prof., doktor tekhn.nauk.

~~Improving the dynamic properties of NS electric locomotives.~~  
Zhel. dor. transp. 40 no.1:48-49 Ja '58. (MIRA 11:1)  
(Electric locomotives)

8(6)

AUTHORS: Medel', V. B., Doctor of Technical Sciences, Professor  
Isayev, I. P., Doctor of Technical Sciences S0V/105-59-7-30/30

TITLE: V. Ye. Rozenfel'd, Ye. V. Chebotarev, N. N. Sidorov and N. A.  
Boldov. Fundamentals of Electric Traction. Part 1, 311 Pages,  
Price 14 Rubles 65 Kop., Published by Gosenergoizdat, 1957  
(V. Ye. Rozenfel'd, Ye. V. Chebotarev, N. N. Sidorov i N. A.  
Boldov. Osnovy elektricheskoy tyagi, ch. 1, 311 str., ts. 14  
rub. 65 kop., Gosenergoizdat, 1957)

PERIODICAL: Elektrichestvo, 1959, Nr 7, pp 95 - 96 (USSR)

ABSTRACT: This is a review of a text book for Students of the Polytechnic  
Colleges and Colleges of Power Engineering. It has 12 chapters  
and is written in a clear and consistent style. Individual  
chapters are discussed and the shortcomings are pointed out.  
The chapters deal with the following subjects: The equations  
of motion of a train, the realization of tractional forces  
and the braking of a train, the frictional resistance, the  
traction forces, the braking characteristics; the features of  
the traction- and braking characteristics of alternating  
current systems; electric trains driven by combustion engines;  
calculation of traction; analytical and graphical methods for

Card 1/2

SOV/105-59-7-30/30

V. Ye. Rozenfel'd, Ye. V. Chebotarev, N. N. Sidorov and N. A. Baldov. Fundamentals of Electric Traction. Part 1, 311 Pages, Price 14 Rubles 65 Kop., Published by Gosenergoizdat, 1957

the determination of power consumption and methods of reducing it; methods of testing the combustion of tractive motors; the fundamentals for the selection of a rational operation of trains, the most favorable characteristics of tractive motors, of the frictional weight of an electric locomotive, and of the weight of the train; testing the rolling stock and carrying out of measurements.

ASSOCIATION: Moskovskiy institut inzhenerov zheleznodorozhnogo transporta  
(Moscow Institute of Railroad Engineers)

Card 2/2

USCOMMLDC-61,260

MEDL', V.B.

SOV/105-59-12-21/23

S(O) AUTORES: Chilikin, M. G., Tikhonirov, S. S., Trofimov, A. N.; Ivanov, I. Y.

Kuznetsov, V. Ye., Minov, D. K., Medl', V. B.

TITLE: Professor J. J. Iefremov. On His 50th Birthday

PERIODICAL: Elektrichesstvo, 1959, Nr 12, p 83 (USSR)

**ABSTRACT:** Ivan Semenovich Iefremov was born in July 1909. In 1935 he graduated from the fakultet elektrofizikateli (Department of Electrification) of the Moscow elektromekhanicheskiy institut inzhenerov zheleznodorozhnoho transporta (Moscow Electromechanical Institute for Railroad Engineers). He is working since then at the Trolley Administration of Moscow, where he became plant manager, after being foreman and chief engineer. He takes part in the scientific work of the research laboratory of the gorodskoy elektricheskiy transport Akademii komunal'nogo khozyaystva (Municipal Electrical Transportation of the Academy of Communal Economy). In 1946 he graduated as Candidate of Technical Sciences; in 1949 he was elected the chief of the kafedra elektricheskoy trolley i podvizhnogo sostava Moskovskogo avtodorozhnogo instituta (Chair of Electrical Traction and Vehicles of the Moscow Institute of Highways).

Card 1/2

In March 1956 he became head of the kafedra elektricheskogo transporta of the Moskovsky energeticheskiy institut (Chair of Electrical Transportation of the Moscow Institute of Power Engineering). He still holds this position. In April 1959 he became dean of the fakultet elektrofizikateli priyushchennosti i transporta MEI (Department of Electrification of the Industry and Transportation at the Moscow Institute of Power Engineering). In 1954 he graduated as Doctor of Technical Sciences and became Professor. Since 5 years he is a member of the chislennaya komissiya VAK (Expert Commission of the VAK) and the Nauchno-tekhnicheskiy sovet Ministerstva komunal'nogo khozyaystva RSR (Scientific-technical Council at the Ministry for Communal Economy of the RSR). He has the order "Patriotic War 1st Class" and several other medals. There is 1 figure.

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(Electric railroads—Rolling stock)  
(Tikhmenev, B.M.) (Trakhtman, L.M.)